IQ 9500 Series Counting Scale

IQ 9500 Single Platform

IQ 9500 Dual Platform

(SEE CHART ON BACK OF PAGE FOR ADDITIONAL PART #'S)

Featuring a sophisticated design that provides flexibility as well as easy operation, the IQ 9500 counting scale is designed to exceed your customer's counting needs.

From quality and inventory control to shipping and receiving, the IQ 9500 provides industry-leading accuracy and repeatability for a variety of counting applications. A weighing resolution of 1/10,000 and a counting (internal) resolution of 1/1,000,000 provide high-accuracy performance without the high-end price tag. User accuracy is enhanced with features like an easy-to-operate keypad, three vibrant fluorescent displays that show weight, unit weight and quantity simultaneously, and the choice of unit weight/1000 or average piece weight (APW) modes.

Each scale contains the hardware to accommodate the options and accessories customers demand. Three RS-232 ports allow connection to peripherals such as bar code laser or pen scanners, Eltron bar code printers, ticket or tape printers, and a PC. Just tell us your customer's application requirements, and we will help you complete the package.

Providing convenience in any application, the indicator head can be unlatched from the base for pole, wall mount or remote use. Enhanced data collection opportunities and portability are available with 200-item memory and an optional rechargeable battery.

More than just a counting scale, the IQ 9500 provides customers with precision weight-based inventory and data management.

Applications

- Inventory and quality control
- Parts packaging
- Shipping and receiving

Standard Features

- 1/1,000,000 counting (internal) resolution
- 1/10,000 weighing resolution
- Three fluorescent displays for weight, unit weight and quantity
- Up to four scale operation (three scales and one force balance)
- AC or battery operation (battery is optional)
- Three RS-232 ports for connecting to peripherals such as Eltron bar code printers, ticket/tape printers, bar code laser/pen scanners, PCs, and a force balance
- 200-item recall
- Up to six setpoints (TTL logic)

Options/Accessories

31793 ..... AC power supply adapter, 115 VAC (only required when ordering part number 64842)
32479 ..... AC power supply adapter, 230 VAC (only required when ordering part number 64842)
53826 ..... 20" high column assembly
53827 ..... Rechargeable battery pack, 4 hours continuous use (lead acid type)
53828' ..... Multi-scale "Y" cable
32375** ... Remote scale connector
35319* ..... 20' RoughDeck home run cable w/remote scale connector installed
23113 ..... TM-U295 ticket printer, 115 VAC/230 VAC
34492 ..... TM-U200 tape printer, 115 VAC
34469 ..... TM-U200 tape printer, 230 VAC
53120 ..... Eltron LP-2722 direct thermal printer (115 VAC)
53124 ..... Eltron LP-2722 direct thermal printer (230 VAC)
65617 ..... Direct Thermal labels, 2.25" W x 4.50" L, 5" roll diameter, 600 labels/roll, perforated, 1" core size
64660 ..... 5' RS-232 cable, 9-pin D-sub male to 9-pin D-sub male (Eltron printer)
64661 ..... 5' RS-232 cable, 8-pin DIN male to 9-pin D-sub male (Eltron printer)
41279 ..... 5' RS-232 cable, 9-pin D-sub male to 25-pin D-sub male (TM-U295 or TM-U200)
32810 ..... 5' RS-232 cable, 8-pin DIN male to 25-pin D-sub male (TM-U295 or TM-U200)
65616 ..... Wand, RS-232 decoded, 6 mil visible light
65317 ..... CCD Scanner, Densei, scan width up to 4.5", RS-232 w/8-pin DIN connector
65619 ..... QS6000, KBN, RS-232 cable, power supply, cable to connect to IQ 9500
53785*** .. Additional operating manual

Please refer to our BenchMark™ bench scales and RoughDeck™ floor scales for remote platform options.

† Required in three-channel system when channels #1 and #2 are not a dual channel platform.
** Not designed to be used with Y-cable*
*** This connector needs to be installed on the load cell cable of any remote base. (i.e. bench scale load cell, or floor scale)*
**** Authorized distributors can download for free from www.rlws.com*

(Specifications on back)

WEIGHT DISPLAY RESOLUTION:
1/10000, 1/5000, 1/2500

COUNTING RESOLUTION:
1/1,000,000

POWER SOURCE:
115 VAC or 230 VAC, 50/60 Hz

POWER CONSUMPTION:
20 W

INPUT SENSITIVITY:
0.40-4.00 mV/V

ZERO ADJUST RANGE:
100% full scale

A/D CONVERSION RATE:
10 times per second

LOAD CELL EXCITATION:
12 V DC

NUMBER OF SCALE CHANNELS:
Up to four scales can be connected (three load cell scales and one force balance)

NUMBER OF LOAD CELLS PER REMOTE PLATFORM SCALE:
4 x 350Ω load cells

WEIGHT DISPLAY:
Five digits

UNIT WEIGHT DISPLAY:
Five digits

QUANTITY DISPLAY:
Seven digits

MEMORY ITEMS:
200 items maximum

LOAD CELL INPUT CONNECTOR:
Amphenol 14-pin

BAR CODE SCANNER CONNECTOR:
DIN 8-pin (RS-232)

LAB BALANCE, PC OR BAR CODE LABEL PRINTER CONNECTOR:
DIN 8-pin (RS-232) or D-sub 9-pin (RS-232)

SETPOINT OUTPUT CONNECTOR:
Mini DIN 8-pin

OPERATING TEMPERATURE:
14°F to 104°F (-10°C to 40°C)

DIMENSIONS:
Pole type: 16.4" W x 16.5" L x 17.9" H (416mm W x 419mm L x 454mm H)

Bench type: 16.4" W x 17.1" L x 4.9" H (416mm W x 434mm L x 124mm H)

WEIGHT:
Pole type: 19.4 lb (8.8 kg)

Bench type: 17.6 lb (8 kg)

WARRANTY:
One year limited warranty

IQ 9500 SERIES

PART #	CAPACITY	INTERNAL RESOLUTION	PLATTER DIMENSIONS
Single Scale - 115 VAC (Includes scale platform & console)			
53802	0.5 lb/0.25 kg	0.0000005 lb (0.0000002 kg)	6" x 8" (152 x 203mm)
53803	1 lb/0.5 kg	0.000001 lb (0.0000005 kg)	6" x 8" (152 x 203mm)
53804	2.5 lb/1.0 kg	0.0000025 lb (0.000001 kg)	7" x 10" (177 x 254mm)
53805	5 lb/2.5 kg	0.000005 lb (0.0000025 kg)	11" x 16" (279 x 406mm)
53806	10 lb/5.0 kg	0.00001 lb (0.000005 kg)	11" x 16" (279 x 406mm)
53807	25 lb/10.0 kg	0.000025 lb (0.00001 kg)	11" x 16" (279 x 406mm)
53808	50 lb/25.0 kg	0.00005 lb (0.000025 kg)	11" x 16" (279 x 406mm)
53809	100 lb/50.0 kg	0.0001 lb (0.00005 kg)	11" x 16" (279 x 406mm)
Single Scale - 230 VAC (Includes scale platform & console)			
65152	0.5 lb/0.25 kg	0.0000005 lb (0.0000002 kg)	6" x 8" (152 x 203mm)
65151	1 lb/0.5 kg	0.000001 lb (0.0000005 kg)	6" x 8" (152 x 203mm)
65150	2.5 lb/1.0 kg	0.0000025 lb (0.000001 kg)	7" x 10" (177 x 254mm)
65149	5 lb/2.5 kg	0.000005 lb (0.0000025 kg)	11" x 16" (279 x 406mm)
65148	10 lb/5.0 kg	0.00001 lb (0.000005 kg)	11" x 16" (279 x 406mm)
65147	25 lb/10.0 kg	0.000025 lb (0.00001 kg)	11" x 16" (279 x 406mm)
65146	50 lb/25.0 kg	0.00005 lb (0.000025 kg)	11" x 16" (279 x 406mm)
65146	100 lb/50.0 kg	0.0001 lb (0.00005 kg)	11" x 16" (279 x 406mm)
Dual Scale - 115 VAC (Includes scale platform & console)			
53794	0.5/10 lb (0.25/5.0 kg)	0.0000005/0.00001 lb (0.0000002/0.000005 kg)	4" x 6"/9" x 12" (101 x 152/228 x 304mm)
53795	0.5/25 lb (0.25/10.0 kg)	0.0000005/0.000025 lb (0.0000002/0.00001 kg)	4" x 6"/9" x 12" (101 x 152/228 x 304mm)
53796	0.5/50 lb (0.25/25.0 kg)	0.0000005/0.00005 lb (0.0000002/0.000025 kg)	4" x 6"/9" x 12" (101 x 152/228 x 304mm)
53797	1/10 lb (0.5/5.0 kg)	0.000001/0.00001 lb (0.000001/0.000005 kg)	4" x 6"/9" x 12" (101 x 152/228 x 304mm)
53798	1/25 lb (0.5/10.0 kg)	0.000001/0.000025 lb (0.000001/0.000005 kg)	4" x 6"/9" x 12" (101 x 152/228 x 304mm)
53799	1/50 lb (0.5/25.0 kg)	0.000001/0.00005 lb (0.000001/0.000025 kg)	4" x 6"/9" x 12" (101 x 152/228 x 304mm)
65336	2.5/10 lb (1.0/5.0 kg)	0.0000025/0.00001 lb (0.000001/0.000005 kg)	4" x 6"/9" x 12" (101 x 152/228 x 304mm)
53800	2.5/25 lb (1.0/10.0 kg)	0.0000025/0.000025 lb (0.000001/0.00001 kg)	4" x 6"/9" x 12" (101 x 152/228 x 304mm)
53801	2.5/50 lb (1.0/25.0 kg)	0.0000025/0.00005 lb (0.000001/0.000025 kg)	4" x 6"/9" x 12" (101 x 152/228 x 304mm)
65335	5.0/10 lb (2.5/5.0 kg)	0.000005/0.00001 lb (0.000001/0.000005 kg)	4" x 6"/9" x 12" (101 x 152/228 x 304mm)
65334	5.0/25 lb (2.5/10.0 kg)	0.000005/0.000025 lb (0.000001/0.000005 kg)	4" x 6"/9" x 12" (101 x 152/228 x 304mm)
65333	5.0/50 lb (2.5/25.0 kg)	0.000005/0.00005 lb (0.000001/0.000025 kg)	4" x 6"/9" x 12" (101 x 152/228 x 304mm)
Dual Scale - 230 VAC			
Consult factory for pricing and delivery.			
Console Only			
64842	IQ 9500 (Requires part number 31793 or 32479 for power)		

Specifications subject to change without notice
© Rice Lake Weighing Systems 2001 PN53620 8/01